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I hereby certify that this **INFORMATION DISCLOSURE STATEMENT AND FORM PTO-1449** are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop Patent Applications, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By Barbara Brazier
Barbara Brazier

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : GUPTA, et al.
FOR : **HIGH AVAILABILITY DATA REPLICATION OF
AN R-TREE INDEX**
SERIAL NO. : Unknown
FILED : Herewith
EXAMINER : Unknown
ART UNIT : Unknown
ATTORNEY DOCKET NO. : SLV920030060US1

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Applications
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant submits the following Disclosure Statement concerning art of which the applicants are aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed patent requires no further explanation (or no translation is available).

U.S. Patent Document(s):

AA	5,241,648	8-31-1993	Cheng, et al.
AB	5,559,764	9-24-1996	Chen, et al.
AC	5,941,999	8-24-1999	Matena, et al.
AD	6,144,999	11-7-2000	Khalidi, et al.

Other Art:

AG IBM Technical Disclosure Bulletin: Reliable Tree Multicast with a Server Set of Indeterminate Size; Vol. 38, No. 04, April 1995; pages 85-87.

AH The Computer Society of the IEEE: Sixth Symposium of Reliability in Distributed Software and Database Systems; 1987; MUSTAQUE AHAMAD, et al.; pages 115-125.

AI CCGrid2002: 2nd IEEE/ACM International Symposium on Cluster Computing and the Grid; 2002; VANA KALOGERAKI, et al.

AJ LH*_{RS}: A High-Availability Scalable Distributed Data Structure using Reed Solomon Codes; 2000; pages 237-248; WITOLD LITWIN, et al.

AK A New Approach to Developing and Implementing Eager Database Replication Protocols: ACM, Transactions on Database Systems, Vol. 25, No. 3; Sep. 2000; pages 334-354; BETTINA KEMME, et al.

AL Serverless Network File Systems: SIGOPS; 1995; THOMAS E. ANDERSON, et al.

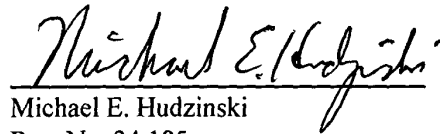
Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

[X] **WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S) <i>(Use as many sheets as necessary)</i>	Atty. Docket No.: SVL920030060US1		Application No.: Unknown	
	First Named Inventor: GUPTA, et al.			
	Filing Date: Herewith		Examiner: Unknown	Group: Unknown

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	5,241,648	8-31-1993	Cheng, et al.	
	AB	5,559,764	9-24-1996	Chen, et al.	
	AC	5,941,999	8-24-1999	Matena, et al.	
	AD	6,144,999	11-7-2000	Khalidi, et al.	
	AE				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ?
		Country Code & Country Number				
	AF					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ?
	AG	IBM Technical Disclosure Bulletin: Reliable Tree Multicast with a Server Set of Indeterminate Size; Vol. 38, No. 04, April 1995; pages 85-87.	
	AH	The Computer Society of the IEEE: Sixth Symposium of Reliability in Distributed Software and Database Systems; 1987; MUSTAQUE AHAMAD, et al.; pages 115-125.	
	AI	CCGrid2002: 2 nd IEEE/ACM International Symposium on Cluster Computing and the Grid; 2002; VANA KALOGERAKI, et al.	
	AJ	LH* _{RS} : A High-Availability Scalable Distributed Data Structure using Reed Solomon Codes; 2000; pages 237-248; WITOLD LITWIN, et al.	
	AK	A New Approach to Developing and Implementing Eager Database Replication Protocols: ACM, Transactions on Database Systems, Vol. 25, No. 3; Sep. 2000; pages 334-354; BETTINA KEMME, et al.	
	AL	Serverless Network File Systems: SIGOPS; 1995; THOMAS E. ANDERSON, et al.	

Examiner Signature		Date Considered	
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